

**STEM**

# Building Tiny Houses

Compose and Decompose Shapes



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# Home Sweet Home

People say that home is where the heart is. That means that they do not need a big house if they live with people they love. In fact, some people like to live in tiny houses. A tiny house looks like a regular house. But it is much smaller. Most tiny houses are less than 20 feet (6 meters) long. That is about the size of a large living room! It may seem small, but tiny-house owners feel right at home in these little spaces.



tiny house

20 ft. (6 m)

25 ft. (8 m)

**Builders use plans called blueprints to design buildings.**




# Tiny House, Big Idea

Living in tiny houses gives people a chance to live big lives. Small homes cost less. They create less **waste**, too. So, tiny-house owners can live where land costs more. Many choose to live near nature. Others use their money to travel. Some people even bring their houses with them!

A photograph of a small, red, gabled tiny house with white trim around the windows and roofline. The house is situated on a rocky, uneven terrain overlooking a large body of water. A metal ramp or staircase is visible in the foreground on the rocks. The sky is a pale, hazy blue. The entire scene is framed by an orange border.

Some tiny-house owners choose to live by the ocean.

A modern grey tiny house on a trailer is shown in a wooded area. The house has a white door and several large windows, some of which are illuminated from within. The house is mounted on a black trailer with two wheels. A propane tank is visible on the right side of the trailer. The background consists of tall trees with green and yellow leaves. In the top right corner, there is a decorative orange and yellow graphic. In the bottom right corner, there is a small orange triangle containing the number 7.

**This tiny house can sleep up to eight people.**

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